Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099228.D
Acq On : 8 Oct 2017 13:17
Operator : SJ/JU
Sample : PB102980BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102980BS

Manual Integrations APPROVED
Sohil
10/9/2017 6:35:53 PM

Quant Time: Oct 09 01:39:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114604	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	478691	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	222524	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	397296	20.00	ng		0.00
75) Chrysene-d12	14.03	240	292472	20.00	ng		0.00
86) Perylene-d12	15.51	264	224571	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	636259	88.38	ng		0.01
7) Phenol-d6	6.50	99	772574	86.99	ng		0.00
23) Nitrobenzene-d5	7.43	82	673320	90.20	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	165968	91.15	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1219741	91.51	ng		0.00
78) Terphenyl-d14	12.97	244	1147307	89.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	114594	33.322	ng		95
3) Pyridine	3.46	79	310749	33.403	ng		94
4) n-Nitrosodimethylamine	3.41	42	136158	34.514	ng	#	83
6) Aniline	6.53	93	400415	33.406	ng		99
8) 2-Chlorophenol	6.65	128	329253	40.385	ng		96
9) Benzaldehyde	6.42	77	127622	24.773	ng		97
10) Phenol	6.52	94	416154	41.899	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	302132	39.129	ng		95
12) 1,3-Dichlorobenzene	6.80	146	338887	39.691	ng		98
13) 1,4-Dichlorobenzene	6.88	146	339903	39.127	ng		99
14) 1,2-Dichlorobenzene	7.04	146	320890	39.977	ng		96
15) Benzyl Alcohol	7.01	79	260318	39.956	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	438944	36.487	ng		96
17) 2-Methylphenol	7.12	107	272793	40.893	ng		97
18) Hexachloroethane	7.37	117	118595	37.981	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	203452	35.881	ng		93
20) 3+4-Methylphenols	7.27	107	322659	38.234	ng	#	74
22) Acetophenone	7.27	105	417890	36.032	ng	#	95
24) Nitrobenzene	7.45	77	318817	37.652	ng		95
25) Isophorone	7.69	82	606652	39.310	ng		100
26) 2-Nitrophenol	7.77	139	182189	44.744	ng	#	85
27) 2,4-Dimethylphenol	7.80	122	295339	38.408	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	385273	40.060	ng		99
29) 2,4-Dichlorophenol	8.01	162	276664	41.906	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	270468	40.961	ng		100
31) Naphthalene	8.17	128	917963	40.830	ng		99
32) Benzoic acid	7.93	122	161155	25.514	ng		93
33) 4-Chloroaniline	8.22	127	273171	29.096	ng		95
34) Hexachlorobutadiene	8.28	225	132327	38.907	ng		100
35) Caprolactam	8.59	113	92366m	43.615	ng		
36) 4-Chloro-3-methylphenol	8.70	107	290102	39.094	ng		93
37) 2-Methylnaphthalene	8.86	142	629885	43.098	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	251371	37.878	ng		99
40) Hexachlorocyclopentadiene	9.01	237	169216	55.796	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	180714	38.439	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	191615	40.829	ng		94
45) 1,1'-Biphenyl	9.33	154	733723	38.365	ng		99
46) 2-Chloronaphthalene	9.35	162	582183	40.544	ng		97
47) 2-Nitroaniline	9.45	65	171946	39.107	ng		92
48) Acenaphthylene	9.77	152	896215	40.771	ng		100
49) Dimethylphthalate	9.63	163	678788	40.416	ng		100
50) 2,6-Dinitrotoluene	9.69	165	155723	42.590	ng		86
51) Acenaphthene	9.94	154	517547	37.169	ng		99
52) 3-Nitroaniline	9.86	138	138706	32.535	ng		89
53) 2,4-Dinitrophenol	9.97	184	101470	55.249	ng		90
54) Dibenzofuran	10.11	168	791294	42.682	ng		99
55) 4-Nitrophenol	10.03	139	243361	67.508	ng		89
56) 2,4-Dinitrotoluene	10.10	165	203331	42.849	ng		91
57) Fluorene	10.46	166	616246	41.355	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	141423	43.622	ng		98
59) Diethylphthalate	10.32	149	649557	39.581	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	275369	41.139	ng		93
61) 4-Nitroaniline	10.48	138	182405	44.347	ng		87
62) Azobenzene	10.60	77	612245	40.574	ng		94
64) 4,6-Dinitro-2-methylphenol	10.51	198	82435	34.103	ng		80
65) n-Nitrosodiphenylamine	10.56	169	552706	40.157	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	161353	41.491	ng		94
67) Hexachlorobenzene	11.00	284	162122	39.033	ng		92
68) Atrazine	11.09	200	174995	42.259	ng		98
69) Pentachlorophenol	11.20	266	150855	58.359	ng		97
70) Phenanthrene	11.42	178	888049	41.759	ng		98
71) Anthracene	11.47	178	914835	42.043	ng		100
72) Carbazole	11.63	167	866796	40.679	ng		99
73) Di-n-butylphthalate	11.95	149	1012552	39.479	ng		99
74) Fluoranthene	12.60	202	920604	42.750	ng		99
76) Benzidine	12.73	184	426804	39.455	ng		97
77) Pyrene	12.84	202	939392	42.121	ng		100
79) Butylbenzylphthalate	13.44	149	439543	41.935	ng		92
80) Benzo(a)anthracene	14.02	228	749342	42.312	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	201195	30.990	ng		99
82) Chrysene	14.06	228	706727	41.916	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	587014	40.673	ng		100
84) Di-n-octyl phthalate	14.61	149	887704	38.198	ng		96
85) Indeno(1,2,3-cd)pyrene	17.00	276	510444	37.846	ng		96
87) Benzo(b)fluoranthene	15.07	252	625229m	45.282	ng		
88) Benzo(k)fluoranthene	15.11	252	564078	41.362	ng		99
89) Benzo(a)pyrene	15.44	252	548654	43.289	ng	#	95
90) Dibenzo(a,h)anthracene	17.01	278	414979	40.912	ng		96
91) Benzo(g,h,i)perylene	17.45	276	438070	43.692	ng		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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